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## **THIRD WAVE SYSTEMS TO SHOWCASE A FULLY-INTEGRATED DIGITAL ANALYSIS CHAIN FOR MARKET LEADERS IN MACHINING AT IMTS 2022**

*Industry leader to demonstrate advancements from continuous investment in innovation including a dramatic new five-axis machining paradigm in complex geometry.*

**(September 9, 2022)** – Third Wave Systems, Inc., a premier Finite Element Analysis (FEA)-based, machining simulation provider based in Minneapolis, Minnesota with offices in the United Kingdom, Germany, Japan, Korea, and China announced today a slate of innovations to be featured in the company’s booth #133221 at the International Manufacturing Technology Show (IMTS) in Chicago. “We are thrilled to be returning in-person to IMTS after the pandemic pause,” said Kerry Marusich, President and CEO of Third Wave Systems. “For the past four years we have been reinvesting to develop new products, attract and retain the best engineers, and build deeper relationships with suppliers and partners across the globe—all to help our customers achieve greater quality, drive higher margins, and fortify their positions as global leaders in machining. We’re excited to show the industry what happens when you embrace machining analysis for actionable, achievable insights.”

**New Product Improvements** Visitors to the Third Wave booth at IMTS will experience dramatic advancements in the speed of machining modeling including highly scalable and flexible workflows, faster access to analysis, a 4x increase in simulation throughput and more. Increases in insights and analysis from user-defined kinematics for modeling new processes, accounting for machine acceleration/deceleration, and machine dynamics are also creating the next generation of machining modeling. “Our new product investment is designed with one objective: accelerating efficiencies to increase our customers’ speed to market,” shared Marusich. “Our next generation distortion/deflection technology will do just that—and more.”

**Best Engineering Minds** Talent has always been a priority for Third Wave and that commitment has been reflected in a significant increase in R & D staff since the last IMTS show as well as investments in training, education, and tools. “Our engineers are the best in part because we’ve supplied them with the best. They have the tools they need to create the innovation the industry wants,” said Marusich.

**Powerful Industry Relationships** Most importantly, Third Wave took the opportunity during the pandemic to facilitate even greater levels of collaboration with its suppliers, partners, and customers. The firm added an office in the United Kingdom, increased staff specifically to support German and Asian operations, hosted global users conferences, and partnered to develop new advancements in orthopedics as well as small engine designs for unmanned aerospace vehicles. The benefits from these collaborative initiatives will be on display at IMTS.

“Once you optimize something, you are done,” stresses Marusich. “Our machining analysis process is continually seeking ways to make it better—and we can’t wait to meet with attendees, share the innovation, and invite them to join us in moving the industry to the next level.”

Third Wave Systems will be exhibiting in booth #133221 at the International Machine Technology Show in Chicago, September 12–17, 2022.

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*Third Wave Systems (TWS) is a team of driven, solutions-oriented technologists focused on high-performance cloud computing, FEA, materials, and other bold innovations in motion. TWS collaborates with the brightest minds in the industry to help companies move faster and bring advanced thinking to an ever-changing world. The company is privately-held, based in Minneapolis, and supports offices and distribution around the globe.*